

In the claims

1. (Currently Amended) A telephone comprising:
a housing;
POTS circuitry disposed within the housing for establishing telephone calls;
a location within the housing adapted to engage a filter cartridge, the location including an electrical connector for the POTS circuitry;
a filter cartridge adapted to be inserted into the location and including a first end and second end, the first end being inserted into the location;
the first end including at least one electrical connector for engaging the corresponding electrical connector for the POTS circuitry disposed in the location;
the second end including at least one first connector for receiving a DSL line and at least one second connector for receiving a telephone line, wherein the second end is configured to accept the DSL line and the telephone line simultaneously; and
wherein the filter cartridge comprises ~~circuitry~~
a block to receive a signal through the at least one second connector of the second end that contains both DSL and POTS signals and to split the signal, and
a filter to filter the signal ~~out~~ so as to pass substantially only the POTS signal to the at least one electrical connector of the first end, and to simultaneously pass the DSL signal to the at least one first connector of the second end for receiving the DSL line.
2. (Currently Amended) The telephone according to claim 1, wherein the filter cartridge includes a latch with a shoulder, wherein the location includes a latch with a shoulder, and wherein the shoulder of the latch engages the shoulder of the location to fix the cartridge within the location.
3. (Original) The telephone according to claim 1, wherein the filter cartridge is designed to be easily removable.
4. (Original) The telephone according to claim 1, wherein the telephone is designed to easily eject the filter cartridge.

5. (Original) The telephone according to claim 4, wherein a three position switch is used to eject the filter cartridge.

6. (Canceled)

7. (Currently Amended) A filter cartridge adapted for use with a telephone comprising:

a first end and second end, the first end being adapted to be inserted into a location within a housing of the telephone;

the first end including at least one electrical connector for engaging a corresponding electrical connector within the telephone that is for carrying POTS signals to POTS circuitry of the telephone; and

the second end including at least one DSL connector for receiving a DSL line and at least one line connector for receiving a telephone line where the at least one line connector receives a signal containing both POTS and DSL signals, and wherein the second end is configured to accept the DSL line and the telephone line simultaneously, and wherein the cartridge includes ~~circuitry~~:

a block to split the POTS and DSL signal and

a filter ~~the DSL~~ to remove unwanted noise and signals out of the signal received via the at least one line connector so as to output substantially only the POTS signal through the at least one electrical connector of the first end and output the DSL signal through the at least one DSL connector of the second end.

8. (Previously Presented) The filter cartridge according to claim 7, wherein the filter cartridge includes a latch having a shoulder that engages a shoulder of the location of the telephone.

9. (Original) The filter cartridge according to claim 7, wherein the filter cartridge is designed to be easily removable.

10. (Original) The filter cartridge according to claim 7, wherein the second end of the filter cartridge includes a female DSL connector.

11. (Previously Presented) A filter cartridge adapted for use with a telephone comprising:

a first end and second end, the first end being adapted to be inserted into a location within a housing of the telephone;

the first end including at least one electrical connector for engaging a corresponding electrical connector within the telephone that is for carrying POTS signals to POTS circuitry of the telephone;

the second end including at least one line connector capable of receiving a telephone signal that contains both POTS and DSL signals and a DSL connector for connecting with a DSL line, the line connector in communication with a block that splits the signal, the block in communication with a filter that removes the DSL signal so as to output substantially only a POTS signal through the at least one electrical connector of the first end, and the DSL connector in communication with the block to simultaneously receive the DSL signal; and

wherein the filter cartridge is removable from the telephone, and

wherein the second end is configured to accept the DSL line and the telephone line simultaneously.

12. (Previously Presented) The filter cartridge according to claim 11, further comprising a three position switch that is used to eject the filter cartridge from the location.

13. (Previously Presented) The filter cartridge according to claim 12, wherein the three position switch has a rest position, wherein depressing the switch from the rest position causes the switch to extend, and wherein depressing the switch when extended causes the filter cartridge to be ejected.

14. (Original) The filter cartridge according to claim 11, wherein four conductors are used to place the block in communication with the DSL connector.

15. (Original) The filter cartridge according to claim 14, wherein a first pair of the four conductors are in communication with an inner pair and wherein a second pair of the four conductors are in communication with an outer pair.

16. (Original) The filter cartridge according to claim 11, further comprising a latch.

17. (Original) The filter cartridge according to claim 16, wherein the latch is biased away from the filter cartridge.

18. (Original) The filter cartridge according to claim 16, wherein the latch includes a shoulder.

19. (Original) The filter cartridge according to claim 16, wherein the latch includes an end disposed axially beyond a leading edge of the filter cartridge.